

Sequence Listing.ST25.txt  
SEQUENCE LISTING

<110> Pfizer Limited  
Bazin, Richard John  
Macdonald, Graeme Arthur  
Phillips, Christopher

<120> Crystal Structure

<130> PCS10934ABXP

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 2241

<212> DNA

<213> Oryctolagus cuniculus (Rabbit)

<400> 1  
atgcctctgt tcaaactccc agctgaagga aaagaactcg atgatgcaat gggcagcttc 60  
gctgaaaaag tgtttgcctc agaagtcaaa gatgaggggg gccgccagga gatttcccct 120  
tttgatgtgg atgagatctg tccaatttct catcatgaga tgcaagcgca catactccac 180  
atggagacgc tggccacctc cccagaaggc acgaggaaaa agcgtttcca aggacggaag 240  
actgttaatt tgtccattcc actcagtga gcatcttcca ccaaactgtc gcacattgat 300  
gaatacatct ctttatctcc aacctaccag acagtcctctg attttcagag agtgcagatc 360  
acgggagact atgcctctgg ggtcacagtg gaagacttcg aaatagtgtg caaagggctg 420  
taccgggcat tgtgtatccg ggagaaatac atgctgaagt cgtttcagag gttccccaaa 480  
accccttcca agtacttgcg gagcattgaa ggcacagctt ggaaagcaaa tgagagctcc 540  
tatccagtct ttacacctgc tctgaagaag ggagaggacc ctttccgaac agacaacctg 600  
cccgaatacc tgggctatca cctcaaatg aaagacgggtg tggtttacat ctatgctaac 660  
gaagcagcag cgggcaaaga tgagcccaag ccacttcttt acccaaatat ggaggagtgc 720  
ttggatgata tgaatttttt gcttgcttta attgccaag gacctgttaa gacctatacg 780  
caccggcgctc tgaagttcct ctctccaag ttccaggtgc accagatgct caacgagatg 840  
gacgagctga aggagctgaa gaacaaccct caccgcgatt ttacaactg caggaagggtg 900  
gacaccaca tccatgcagc tgctgcatg aaccagaaac atctgctgcg cttcattaag 960

## Sequence Listing.ST25.txt

```

aaatcttacc aagtggatgc cgacagagtg gtctacagca ccaaagagaa gaatctaacc 1020
ctaaagcaac tttttgataa attaaaactg caccctatg acctgactgt cgactctctg 1080
gatgttcatg ccggccgcca gaccttccag cgttttgata agttcaatga caaatacaat 1140
cctgtaggag caagtgaagt gcgggatctc tacctgaaga cagacaatta cattaacggg 1200
gaatattttg ccactatcat caaggaggta ggtgcagact tggaggacgc caagtaccag 1260
catgctgagc ctggtctgtc catctatggc cgcagccctg atgagtggag caaactttcc 1320
tcttggttcg tccgcaaccg catctacagc tctaactga catggatgat ccagggtccc 1380
aggatctatg atgtgtttcg atccaagaat ttccttcac acttcggaaa gatgctggag 1440
aatgtgttca tgccagtgtt tgaggcgacc atcaaccccc aagctcatcc agaactcagt 1500
gtctttctta aacatatcac tggctttgac agtgtggatg atgaaagtaa acacagtggc 1560
catatgtttt cttcaaaaag ccccaaacc caggagtga ccttgaaaaa aaatccttcc 1620
tatacctact acgcctacta catgtatgca aacatcatgg tgctcaacag cctgagaaa 1680
gaacgaggca tgaatacatt tctgttccga cctcactgcg ggaagttgg ggctctcacc 1740
cacctcatga ccgccttcat gacagcagat aatatctctc atggcctgaa tttaaaaaag 1800
agtcctgtgt tacaatactt gtttttctta gccagattc ctatcgccat gtcaccatta 1860
agtaacaaca gcctatttct agagtatgcc aaaaatccat ttttagattt tctccagaaa 1920
ggactaatga tctcactgtc taccgatgat ccgatgcagt tccacttcac caaggagccc 1980
ctgatggaag aatacgccat tgcagcacia gtcttcaagc tgagtacctg tgacatgtgt 2040
gaagtggcga ggaacagtgt tctgcagtgt ggaatttctc atgaggaaaa agcaaagttt 2100
ttgggcaaca attaccttga ggaaggcccc attggaaatg atatccggaa gacgaatgta 2160
gccc aaatcc gcatggccta tcgctatgaa acctgggtgt atgaactcaa ttttaattgct 2220
gagggtctta aatcaacaga a 2241

```

&lt;210&gt; 2

&lt;211&gt; 747

&lt;212&gt; PRT

<213> *Oryctolagus cuniculus* (Rabbit)

&lt;400&gt; 2

Met Pro Leu Phe Lys Leu Pro Ala Glu Gly Lys Glu Leu Asp Asp Ala

## Sequence Listing.ST25.txt

1	5	10	15
Met Gly Ser Phe	Ala Glu Lys Val	Phe Ala Ser Glu Val	Lys Asp Glu
20		25	30
Gly Gly Arg Gln	Glu Ile Ser Pro	Phe Asp Val Asp	Glu Ile Cys Pro
35		40	45
Ile Ser His His	Glu Met Gln Ala	His Ile Leu His	Met Glu Thr Leu
50		55	60
Ala Thr Ser Pro	Glu Gly Thr Arg	Lys Lys Arg Phe	Gln Gly Arg Lys
65	70	75	80
Thr Val Asn Leu	Ser Ile Pro Leu	Ser Glu Ala Ser	Ser Thr Lys Leu
	85	90	95
Ser His Ile Asp	Glu Tyr Ile Ser	Leu Ser Pro Thr	Tyr Gln Thr Val
100		105	110
Pro Asp Phe Gln	Arg Val Gln Ile	Thr Gly Asp Tyr	Ala Ser Gly Val
115		120	125
Thr Val Glu Asp	Phe Glu Ile Val	Cys Lys Gly Leu	Tyr Arg Ala Leu
130		135	140
Cys Ile Arg Glu	Lys Tyr Met Leu	Lys Ser Phe Gln	Arg Phe Pro Lys
145	150	155	160
Thr Pro Ser Lys	Tyr Leu Arg Ser	Ile Glu Gly Thr	Ala Trp Lys Ala
	165	170	175
Asn Glu Ser Ser	Tyr Pro Val Phe	Thr Pro Ala Leu	Lys Lys Gly Glu
180		185	190
Asp Pro Phe Arg	Thr Asp Asn Leu	Pro Glu Asn Leu	Gly Tyr His Leu
195		200	205
Lys Met Lys Asp	Gly Val Val Tyr	Ile Tyr Ala Asn	Glu Ala Ala Ala
210		215	220
Gly Lys Asp Glu	Pro Lys Pro Leu	Leu Tyr Pro Asn	Met Glu Glu Phe
225	230	235	240
Leu Asp Asp Met	Asn Phe Leu Leu	Ala Leu Ile Ala	Gln Gly Pro Val
	245	250	255
Lys Thr Tyr Thr	His Arg Arg Leu	Lys Phe Leu Ser	Ser Lys Phe Gln
260		265	270
Val His Gln Met	Leu Asn Glu Met	Asp Glu Leu Lys	Glu Leu Lys Asn
275		280	285

## Sequence Listing.ST25.txt

```

Asn Pro His Arg Asp Phe Tyr Asn Cys Arg Lys Val Asp Thr His Ile
290                               300

His Ala Ala Ala Cys Met Asn Gln Lys His Leu Leu Arg Phe Ile Lys
305                               310                               315                               320

Lys Ser Tyr Gln Val Asp Ala Asp Arg Val Val Tyr Ser Thr Lys Glu
                               325                               330                               335

Lys Asn Leu Thr Leu Lys Gln Leu Phe Asp Lys Leu Lys Leu His Pro
                               340                               345                               350

Tyr Asp Leu Thr Val Asp Ser Leu Asp Val His Ala Gly Arg Gln Thr
                               355                               360                               365

Phe Gln Arg Phe Asp Lys Phe Asn Asp Lys Tyr Asn Pro Val Gly Ala
                               370                               375                               380

Ser Glu Leu Arg Asp Leu Tyr Leu Lys Thr Asp Asn Tyr Ile Asn Gly
385                               390                               395                               400

Glu Tyr Phe Ala Thr Ile Ile Lys Glu Val Gly Ala Asp Leu Val Asp
                               405                               410                               415

Ala Lys Tyr Gln His Ala Glu Pro Arg Leu Ser Ile Tyr Gly Arg Ser
                               420                               425                               430

Pro Asp Glu Trp Ser Lys Leu Ser Ser Trp Phe Val Arg Asn Arg Ile
                               435                               440                               445

Tyr Ser Ser Asn Met Thr Trp Met Ile Gln Val Pro Arg Ile Tyr Asp
                               450                               455                               460

Val Phe Arg Ser Lys Asn Phe Leu Pro His Phe Gly Lys Met Leu Glu
465                               470                               475                               480

Asn Val Phe Met Pro Val Phe Glu Ala Thr Ile Asn Pro Gln Ala His
                               485                               490                               495

Pro Glu Leu Ser Val Phe Leu Lys His Ile Thr Gly Phe Asp Ser Val
                               500                               505                               510

Asp Asp Glu Ser Lys His Ser Gly His Met Phe Ser Ser Lys Ser Pro
                               515                               520                               525

Lys Pro Gln Glu Trp Thr Leu Glu Lys Asn Pro Ser Tyr Thr Tyr Tyr
                               530                               535                               540

Ala Tyr Tyr Met Tyr Ala Asn Ile Met Val Leu Asn Ser Leu Arg Lys
545                               550                               555                               560

Glu Arg Gly Met Asn Thr Phe Leu Phe Arg Pro His Cys Gly Glu Val
                               565                               570                               575

```

Sequence Listing.ST25.txt

Gly Ala Leu Thr His Leu Met Thr Ala Phe Met Thr Ala Asp Asn Ile  
580 585 590

Ser His Gly Leu Asn Leu Lys Lys Ser Pro Val Leu Gln Tyr Leu Phe  
595 600 605

Phe Leu Ala Gln Ile Pro Ile Ala Met Ser Pro Leu Ser Asn Asn Ser  
610 615 620

Leu Phe Leu Glu Tyr Ala Lys Asn Pro Phe Leu Asp Phe Leu Gln Lys  
625 630 635 640

Gly Leu Met Ile Ser Leu Ser Thr Asp Asp Pro Met Gln Phe His Phe  
645 650 655

Thr Lys Glu Pro Leu Met Glu Glu Tyr Ala Ile Ala Ala Gln Val Phe  
660 665 670

Lys Leu Ser Thr Cys Asp Met Cys Glu Val Ala Arg Asn Ser Val Leu  
675 680 685

Gln Cys Gly Ile Ser His Glu Glu Lys Ala Lys Phe Leu Gly Asn Asn  
690 695 700

Tyr Leu Glu Glu Gly Pro Ile Gly Asn Asp Ile Arg Lys Thr Asn Val  
705 710 715 720

Ala Gln Ile Arg Met Ala Tyr Arg Tyr Glu Thr Trp Cys Tyr Glu Leu  
725 730 735

Asn Leu Ile Ala Glu Gly Leu Lys Ser Thr Glu  
740 745

<210> 3  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 3  
atgcctctgt tcaaactccc

20

<210> 4  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 4  
ttctgttgat ttaagaccct c

21

<210> 5

Sequence Listing.ST25.txt

<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 5  
atgaaccaga aacatctgct g 21

<210> 6  
<211> 22  
<212> DNA  
<213> Homo sapiens

<400> 6  
cagcagatgt ttctggttca tg 22